

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9	"6649543"	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/04 18:53
L2	74	nitrogen adj enriched with third	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/04 18:53
L3	4	nitrogen adj enriched with upper adj third	US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/04 18:54
L4	25	("20050167727" "5897354" "5920779" "5969397" "5981366 " "6040249" "6087236" "6150 266" "6245616" "6875707" "6 878585" "6891215").PN.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/04 18:58
L5	11	L4 and silicon adj nitride	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/04 18:58

## EAST Search History

L6	6	L4 and silicon adj nitride and anneal\$3	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/04 18:59
L7	7050973	L4 and silicon adj nitride and anneal\$3 or heat\$4 or temperature	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/04 18:59

## EAST Search History

### EAST Search History

L9	62	L8 and nitride and plasma	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:00
L10	49	L9 and nitride with oxide	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:00
L11	1	L10 and anneal\$3 with (no or reduc\$3 or little or small) with (nitride or nitrogen) with diffus\$3	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:00
L12	1	L10 and anneal\$3 with (no or reduc\$3 or little or small) with (nitride or nitrogen) with diffus\$3	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:00
L13	1124	438/275.ccls.	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:01
L14	468	438/279.ccls.	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:01
L15	468	438/279.ccls.	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:01
L16	1264	438/301.ccls.	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:01
L17	188	438/411.ccls.	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:01
L18	899	438/785.ccls.	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:01
L19	414	438/786.ccls.	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:01
L20	904	438/264.ccls.	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:01
L21	1066	438/763.ccls.	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:02

### EAST Search History

L22	552	438/761.ccls.	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:02
L23	340	438/762.ccls.	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:02
L24	1047	438/287.ccls.	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:02
L25	548	438/791.ccls.	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:02
L26	337	438/792.ccls.	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:02
L27	1124	438/275.ccls.	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:02
L28	327	L27 and nitride and plasma	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:02
L29	382	L27 and (nitride or nitrogen or "N") and plasma	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:03
L30	337	438/792.ccls.	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:03
L31	287	L30 and (nitride or nitrogen or "N") and plasma	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:03
L32	182	L31 and nitride with oxide	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:03
L33	548	438/791.ccls.	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:03
L34	360	L33 and (nitride or nitrogen or "N") and plasma	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:03
L35	1047	438/287.ccls.	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:03

### EAST Search History

L36	542	L35 and (nitride or nitrogen or "N") and plasma	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:03
L37	340	438/762.ccls.	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:03
L38	162	L37 and (nitride or nitrogen or "N") and plasma	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:03
L39	552	438/761.ccls.	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:04
L40	314	L39 and (nitride or nitrogen or "N") and plasma	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:04
L41	1066	438/763.ccls.	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:04
L42	604	L41 and (nitride or nitrogen or "N") and plasma	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:04
L43	904	438/264.ccls.	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:04
L44	327	L43 and (nitride or nitrogen or "N") and plasma	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:04
L45	414	438/786.ccls.	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:04
L46	301	L45 and (nitride or nitrogen or "N") and plasma	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:04
L47	899	438/785.ccls.	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:04
L48	527	L47 and (nitride or nitrogen or "N") and plasma	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:04
L49	290	L30 and (nitride or nitrogen or "N") and plasma	US-PGPU B; USPAT; USOCR	OR	ON	2007/03/04 19:05

## EAST Search History

L50	73	L49 and nitride with oxide with (upper or half or top or outermost or surface or outer)	US-PGPU B; USPAT; USOCR	OR	ON	2007/03/04 19:05
L51	0	L50 and ((anneal\$3 with (confin\$3 or keep\$3 or hold\$3) with (nitride or nitrogen)))	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:05
L52	545	L35 and (nitride or nitrogen or "N") and plasma	US-PGPU B; USPAT; USOCR	OR	ON	2007/03/04 19:05
L53	163	L52 and nitride with oxide with (upper or half or top or outermost or surface or outer)	US-PGPU B; USPAT; USOCR	OR	ON	2007/03/04 19:05
L54	1	L53 and ((anneal\$3 with ((no or reduc\$3 or little or small or without) with diffus\$3) with (nitride or nitrogen)))	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:07
L55	1440	Sandhu.in.	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:07
L56	4	55 and upper adj third with nitrogen adj enriched	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:08
S1	0	("("20050167727" "5897354" "5920779" "5969397" "5981366" "6040249" "6087236" "6150266" "6245616" "6875707" "6878585" "6891215").PN.").PN.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/03 15:35
S2	0	("("20050167727" "5897354" "5920779" "5969397" "5981366" "6040249" "6087236" "6150266" "6245616" "6875707" "6878585" "6891215").PN.").PN.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/03 15:35
S3	0	("("20050167727" "5897354" "5920779" "5969397" "5981366" "6040249" "6087236" "6150266" "6245616" "6875707" "6878585" "6891215").PN.").PN.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/03 15:35

## EAST Search History

S4	25	("20050167727" "5897354" "5920779" "5969397" "5981366" "6040249" "6087236" "6150266" "6245616" "6875707" "6878585" "6891215").PN.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/03 15:35
S5	11	S4 and silicon adj nitride	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/04 18:58
S6	6	S4 and silicon adj nitride and anneal\$3	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/04 18:59
S7	6841098	S4 and silicon adj nitride and anneal\$3 or heat\$4 or temperature	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/04 18:59
S8	6	S4 and silicon adj nitride and (anneal\$3 or heat\$4 or temperature)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/03 15:40
S9	5	S8 and ("N" or nitrogen) with plasma	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/03 15:41

## EAST Search History

S10	4	S9 and (bare or surface) with oxide	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/08/03 15:42
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## EAST Search History

## EAST Search History

S12	62	S11 and nitride and plasma	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:07
S13	49	S12 and nitride with oxide	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:09
S14	5	S13 and anneal\$3 with (no or reduc\$3 or little or small) with diffus\$3	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:15
S15	1	S13 and anneal\$3 with (no or reduc\$3 or little or small) with (nitride or nitrogen) with diffus\$3	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:00
S16	1048	438/275.ccls.	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:01
S17	50	438/274.ccls.	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:05
S18	447	438/279.ccls.	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:01
S19	1193	438/301.ccls.	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:01
S20	181	438/411.ccls.	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:01
S21	798	438/785.ccls.	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:01
S22	372	438/786.ccls.	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:01
S23	841	438/264.ccls.	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:01
S24	1015	438/763.ccls.	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:02

### EAST Search History

S25	521	438/761.ccls.	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:02
S26	324	438/762.ccls.	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:02
S27	950	438/287.ccls.	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:02
S28	508	438/791.ccls.	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:02
S29	312	438/792.ccls.	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:02
S30	295	S16 and nitride and plasma	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:02
S31	345	S16 and (nitride or nitrogen or "N") and plasma	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:03
S32	23	S17 and (nitride or nitrogen or "N") and plasma	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:12
S33	149	S18 and (nitride or nitrogen or "N") and plasma	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:12
S34	431	S19 and (nitride or nitrogen or "N") and plasma	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:12
S35	65	S20 and (nitride or nitrogen or "N").and plasma	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:12
S36	469	S21 and (nitride or nitrogen or "N") and plasma	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:04
S37	268	S22 and (nitride or nitrogen or "N") and plasma	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:04
S38	302	S23 and (nitride or nitrogen or "N") and plasma	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:04

### EAST Search History

S39	572	S24 and (nitride or nitrogen or "N") and plasma	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:04
S40	297	S25 and (nitride or nitrogen or "N") and plasma	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:04
S41	150	S26 and (nitride or nitrogen or "N") and plasma	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:03
S42	492	S27 and (nitride or nitrogen or "N") and plasma	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:03
S43	328	S28 and (nitride or nitrogen or "N") and plasma	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:03
S44	263	S29 and (nitride or nitrogen or "N") and plasma	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:13
S45	238	S31 and nitride with oxide	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:13
S46	11	S32 and nitride with oxide	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:09
S47	112	S33 and nitride with oxide	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:09
S48	283	S34 and nitride with oxide	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:09
S49	33	S35 and nitride with oxide	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:09
S50	266	S36 and nitride with oxide	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:09
S51	150	S37 and nitride with oxide	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:10
S52	262	S38 and nitride with oxide	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:10

## EAST Search History

S53	322	S39 and nitride with oxide	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:10
S54	161	S40 and nitride with oxide	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:10
S55	103	S41 and nitride with oxide	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:10
S56	334	S42 and nitride with oxide	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:10
S57	224	S43 and nitride with oxide	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:10
S58	164	S44 and nitride with oxide	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:03
S59	66	S44 and nitride with oxide with (upper or half or top or outermost or surface or outer)	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:11
S60	67	S44 and nitride with oxide with (upper or half or top or outermost or surface or outer)	US-PGPU B; USPAT; USOCR	OR	ON	2006/08/03 16:13
S61	345	S16 and (nitride or nitrogen or "N") and plasma	US-PGPU B; USPAT; USOCR	OR	ON	2006/08/03 16:12
S62	23	S17 and (nitride or nitrogen or "N") and plasma	US-PGPU B; USPAT; USOCR	OR	ON	2006/08/03 16:12
S63	150	S18 and (nitride or nitrogen or "N") and plasma	US-PGPU B; USPAT; USOCR	OR	ON	2006/08/03 16:12
S64	431	S19 and (nitride or nitrogen or "N") and plasma	US-PGPU B; USPAT; USOCR	OR	ON	2006/08/03 16:12
S65	65	S20 and (nitride or nitrogen or "N") and plasma	US-PGPU B; USPAT; USOCR	OR	ON	2006/08/03 16:12
S66	471	S21 and (nitride or nitrogen or "N") and plasma	US-PGPU B; USPAT; USOCR	OR	ON	2006/08/03 16:12

## EAST Search History

S67	268	S22 and (nitride or nitrogen or "N") and plasma	US-PGPU B; USPAT; USOCR	OR	ON	2006/08/03 16:12
S68	302	S23 and (nitride or nitrogen or "N") and plasma	US-PGPU B; USPAT; USOCR	OR	ON	2006/08/03 16:12
S69	573	S24 and (nitride or nitrogen or "N") and plasma	US-PGPU B; USPAT; USOCR	OR	ON	2006/08/03 16:12
S70	297	S25 and (nitride or nitrogen or "N") and plasma	US-PGPU B; USPAT; USOCR	OR	ON	2006/08/03 16:12
S71	152	S26 and (nitride or nitrogen or "N") and plasma	US-PGPU B; USPAT; USOCR	OR	ON	2006/08/03 16:13
S72	495	S27 and (nitride or nitrogen or "N") and plasma	US-PGPU B; USPAT; USOCR	OR	ON	2006/08/03 16:13
S73	332	S28 and (nitride or nitrogen or "N") and plasma	US-PGPU B; USPAT; USOCR	OR	ON	2006/08/03 16:13
S74	266	S29 and (nitride or nitrogen or "N") and plasma	US-PGPU B; USPAT; USOCR	OR	ON	2006/08/03 16:13
S75	239	S61 and nitride with oxide	US-PGPU B; USPAT; USOCR	OR	ON	2006/08/03 16:13
S76	109	S61 and nitride with oxide with (upper or half or top or outermost or surface or outer)	US-PGPU B; USPAT; USOCR	OR	ON	2006/08/03 16:14
S77	5	S62 and nitride with oxide with (upper or half or top or outermost or surface or outer)	US-PGPU B; USPAT; USOCR	OR	ON	2006/08/03 16:14
S78	43	S63 and nitride with oxide with (upper or half or top or outermost or surface or outer)	US-PGPU B; USPAT; USOCR	OR	ON	2006/08/03 16:14
S79	101	S64 and nitride with oxide with (upper or half or top or outermost or surface or outer)	US-PGPU B; USPAT; USOCR	OR	ON	2006/08/03 16:14
S80	11	S65 and nitride with oxide with (upper or half or top or outermost or surface or outer)	US-PGPU B; USPAT; USOCR	OR	ON	2006/08/03 16:14

## EAST Search History

S81	78	S66 and nitride with oxide with (upper or half or top or outermost or surface or outer)	US-PGPU B; USPAT; USOCR	OR	ON	2006/08/03 16:14
S82	57	S67 and nitride with oxide with (upper or half or top or outermost or surface or outer)	US-PGPU B; USPAT; USOCR	OR	ON	2006/08/03 16:14
S83	85	S68 and nitride with oxide with (upper or half or top or outermost or surface or outer)	US-PGPU B; USPAT; USOCR	OR	ON	2006/08/03 16:14
S84	122	S69 and nitride with oxide with (upper or half or top or outermost or surface or outer)	US-PGPU B; USPAT; USOCR	OR	ON	2006/08/03 16:14
S85	63	S70 and nitride with oxide with (upper or half or top or outermost or surface or outer)	US-PGPU B; USPAT; USOCR	OR	ON	2006/08/03 16:14
S86	51	S71 and nitride with oxide with (upper or half or top or outermost or surface or outer)	US-PGPU B; USPAT; USOCR	OR	ON	2006/08/03 16:14
S87	144	S72 and nitride with oxide with (upper or half or top or outermost or surface or outer)	US-PGPU B; USPAT; USOCR	OR	ON	2006/08/03 16:15
S88	113	S73 and nitride with oxide with (upper or half or top or outermost or surface or outer)	US-PGPU B; USPAT; USOCR	OR	ON	2006/08/03 16:15
S89	67	S74 and nitride with oxide with (upper or half or top or outermost or surface or outer)	US-PGPU B; USPAT; USOCR	OR	ON	2006/08/03 16:15
S90	0	S76 and ((anneal\$3 with ((no or reduc\$3 or little or small or without) with diffus\$3) with (nitride or nitrogen)))	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:17
S91	0	S77 and ((anneal\$3 with ((no or reduc\$3 or little or small or without) with diffus\$3) with (nitride or nitrogen)))	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:17
S92	0	S78 and ((anneal\$3 with ((no or reduc\$3 or little or small or without) with diffus\$3) with (nitride or nitrogen)))	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:17

## EAST Search History

S93	1	S79 and ((anneal\$3 with ((no or reduc\$3 or little or small or without) with diffus\$3) with (nitride or nitrogen)))	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:17
S94	0	S80 and ((anneal\$3 with ((no or reduc\$3 or little or small or without) with diffus\$3) with (nitride or nitrogen)))	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:18
S95	1	S81 and ((anneal\$3 with ((no or reduc\$3 or little or small or without) with diffus\$3) with (nitride or nitrogen)))	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:18
S96	0	S82 and ((anneal\$3 with ((no or reduc\$3 or little or small or without) with diffus\$3) with (nitride or nitrogen)))	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:18
S97	1	S83 and ((anneal\$3 with ((no or reduc\$3 or little or small or without) with diffus\$3) with (nitride or nitrogen)))	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:18
S98	1	S84 and ((anneal\$3 with ((no or reduc\$3 or little or small or without) with diffus\$3) with (nitride or nitrogen)))	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:18
S99	1	S85 and ((anneal\$3 with ((no or reduc\$3 or little or small or without) with diffus\$3) with (nitride or nitrogen)))	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:18
S100	1	S86 and ((anneal\$3 with ((no or reduc\$3 or little or small or without) with diffus\$3) with (nitride or nitrogen)))	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:18
S101	1	S87 and ((anneal\$3 with ((no or reduc\$3 or little or small or without) with diffus\$3) with (nitride or nitrogen)))	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:05
S102	1	S88 and ((anneal\$3 with ((no or reduc\$3 or little or small or without) with diffus\$3) with (nitride or nitrogen)))	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:19

## EAST Search History

S10 3	1	S89 and ((anneal\$3 with ((no or reduc\$3 or little or small or without) with diffus\$3) with (nitride or nitrogen)))	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:19
S10 4	0	S76 and ((anneal\$3 with (confin\$3 or keep\$3 or hold\$3) with (nitride or nitrogen)))	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:20
S10 5	0	S77 and ((anneal\$3 with (confin\$3 or keep\$3 or hold\$3) with (nitride or nitrogen)))	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:20
S10 6	0	S78 and ((anneal\$3 with (confin\$3 or keep\$3 or hold\$3) with (nitride or nitrogen)))	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:20
S10 7	0	S79 and ((anneal\$3 with (confin\$3 or keep\$3 or hold\$3) with (nitride or nitrogen)))	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:21
S10 8	0	S80 and ((anneal\$3 with (confin\$3 or keep\$3 or hold\$3) with (nitride or nitrogen)))	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:21
S10 9	0	S81 and ((anneal\$3 with (confin\$3 or keep\$3 or hold\$3) with (nitride or nitrogen)))	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:21
S11 0	0	S82 and ((anneal\$3 with (confin\$3 or keep\$3 or hold\$3) with (nitride or nitrogen)))	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:21
S11 1	0	S83 and ((anneal\$3 with (confin\$3 or keep\$3 or hold\$3) with (nitride or nitrogen)))	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:21
S11 2	0	S84 and ((anneal\$3 with (confin\$3 or keep\$3 or hold\$3) with (nitride or nitrogen)))	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:21

## EAST Search History

S11 3	0	S85 and ((anneal\$3 with (confin\$3 or keep\$3 or hold\$3) with (nitride or nitrogen)))	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:22
S11 4	0	S86 and ((anneal\$3 with (confin\$3 or keep\$3 or hold\$3) with (nitride or nitrogen)))	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:22
S11 5	0	S87 and ((anneal\$3 with (confin\$3 or keep\$3 or hold\$3) with (nitride or nitrogen)))	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:22
S11 6	0	S88 and ((anneal\$3 with (confin\$3 or keep\$3 or hold\$3) with (nitride or nitrogen)))	US-PGPU B; USPAT; USOCR	OR	OFF	2006/08/03 16:22
S11 7	0	S89 and ((anneal\$3 with (confin\$3 or keep\$3 or hold\$3) with (nitride or nitrogen)))	US-PGPU B; USPAT; USOCR	OR	OFF	2007/03/04 19:05
S11 8	5721	high adj density and planarizing	US-PGPU B; USPAT; USOCR	OR	OFF	2006/10/29 19:44